

AMENDMENTS TO THE CLAIMS

This Listing of Claims replaces all prior versions and listings of the claims in the application.

Listing of Claims

1-10. (Cancelled)

11. (Previously Presented) A battery pack for powering a hand held power tool, the battery pack comprising:

a housing connectable to and supportable by the hand held power tool; and

a plurality of battery cells supported by the housing, the battery cells having a combined nominal voltage of approximately 28-volts, the battery cells having a lithium-based chemistry.

12. (Cancelled)

13. (Previously Presented) The battery pack as set forth in Claim 11 wherein the battery cells have a lithium-manganese chemistry.

14. (Previously Presented) The battery pack as set forth in Claim 11 wherein the battery cells have a spinel chemistry.

15. (Original) The battery pack as set forth in Claim 11 wherein the plurality of battery cells includes seven battery cells.

16. (Original) The battery pack as set forth in Claim 11 wherein each of the plurality of battery cells has a nominal voltage of approximately 4.2-volts.

17. (Original) The battery pack as set forth in Claim 11 wherein each of the plurality of battery cells has ampere-hour capacity of approximately 3.0 ampere-hours.

18. (Original) The battery pack as set forth in Claim 11 wherein the plurality of battery cells are capable of producing an average discharge current of approximately 20 amps.

19. (Previously Presented) An electrical combination comprising:

a hand held power tool; and

a battery pack including

a housing connectable to and supportable by the hand held power tool, and

a plurality of battery cells supported by the housing, the battery cells having a combined nominal voltage of approximately 28-volts, the battery cells having a lithium-based chemistry.

20. (Cancelled)

21. (Previously Presented) The electrical combination as set forth in Claim 19 wherein the battery cells have a lithium-manganese chemistry.

22. (Previously Presented) The electrical combination as set forth in Claim 19 wherein the battery cells have a spinel chemistry.

23. (Original) The electrical combination as set forth in Claim 19 wherein the plurality of battery cells includes seven battery cells.

24. (Original) The electrical combination as set forth in Claim 19 wherein each of the plurality of battery cells has a nominal voltage of approximately 4.2-volts.

25. (Original) The electrical combination as set forth in Claim 19 wherein each of the plurality of battery cells has ampere-hour capacity of approximately 3.0 ampere-hours.

26. (Previously Presented) The electrical combination as set forth in Claim 19 wherein hand held power tool is capable of producing an average current draw of approximately 20 amps.

27. (Previously Presented) The electrical combination as set forth in Claim 19 wherein the hand held power tool includes a driver-drill, the driver-drill including

a driver-drill housing connectable with the housing of the battery pack and operable to support the battery pack when connected, and

a motor supported by the driver-drill housing and operable to drive a drill bit, the plurality of battery cells being electrically connectable to the motor to selectively operate the motor.

28. (Previously Presented) The electrical combination as set forth in Claim 19 wherein the hand held power tool includes a circular saw, the circular saw including

a saw housing connectable with the housing of the battery pack and operable to support the battery pack when connected, and

a motor supported by the saw housing and operable to drive a saw blade, the plurality of battery cells being electrically connectable to the motor to selectively operate the motor.

29. (Previously Presented) An electrical combination comprising:

a hand held power tool capable of producing an average current draw of approximately 20-amps; and

a power tool battery pack operable to supply power to the hand held power tool, the battery pack including a plurality of battery cells, the plurality of battery cells each having a lithium-based chemistry.

30. (Original) The electrical combination as set forth in Claim 29 wherein the battery cells have a lithium-manganese chemistry.

31. (Original) The electrical combination as set forth in Claim 29 wherein the battery cells have a lithium-manganese spinel chemistry.

32. (Original) The electrical combination as set forth in Claim 29 wherein the plurality of battery cells includes seven battery cells.

33. (Original) The electrical combination as set forth in Claim 29 wherein each of the plurality of battery cells has a nominal voltage of approximately 4.2-volts.

34. (Original) The electrical combination as set forth in Claim 29 wherein each of the plurality of battery cells has ampere-hour capacity of approximately 3.0 ampere-hours.

35. (Previously Presented) The electrical combination as set forth in Claim 29 wherein the hand held power tool includes a driver-drill, the driver-drill including

a driver-drill housing connectable with the housing of the battery pack and operable to support the battery pack when connected, and

a motor supported by the driver-drill housing and operable to drive a drill bit, the plurality of battery cells being electrically connectable to the motor to selectively operate the motor.

36. (Previously Presented) The electrical combination as set forth in Claim 29 wherein the hand held power tool includes a circular saw, the circular saw including

a saw housing connectable with the housing of the battery pack and operable to support the battery pack when connected, and

a motor supported by the saw housing and operable to drive a saw blade, the plurality of battery cells being electrically connectable to the motor to selectively operate the motor.

37. (Previously Presented) The electrical combination as set forth in Claim 29 wherein the battery pack includes a housing connectable to and supportable by the hand held power tool, and wherein the plurality of battery cells have a combined nominal voltage of approximately 28-volts.

38. (Previously Presented) A battery pack for powering one of multiple hand held power tools, the battery pack comprising:

a housing connectable to and supportable by a hand held power tool; and

a plurality of battery cells supported by the housing and having a combined ampere-hour capacity of approximately 3.0 ampere-hours, the plurality of battery cells each having a lithium-based chemistry.

39. (Original) The battery pack as set forth in Claim 38 wherein the battery cells have a lithium-manganese chemistry.

40. (Original) The battery pack as set forth in Claim 38 wherein the battery cells have a lithium-manganese spinel chemistry.

41. (Original) The battery pack as set forth in Claim 38 wherein the plurality of battery cells includes seven battery cells.

42. (Original) The battery pack as set forth in Claim 38 wherein each of the plurality of battery cells has a nominal voltage of approximately 4.2-volts.

43. (Original) The battery pack as set forth in Claim 38 wherein the plurality of battery cells are capable of producing an average discharge current of approximately 20 amps.

44. (Original) The battery pack as set forth in Claim 29 wherein the plurality of battery cells have a combined nominal voltage of approximately 28-volts.

45. (Previously Presented) A battery pack for powering one of multiple hand held power tools, the battery pack comprising:

a housing connectable to and supportable by a hand held power tool; and

a plurality of battery cells supported by the housing and capable of producing an average discharge current of approximately 20-amps, the plurality of battery cells each having a lithium-based chemistry.

46. (Original) The battery pack as set forth in Claim 45 wherein the battery cells have a lithium-manganese chemistry.

47. (Original) The battery pack as set forth in Claim 45 wherein the battery cells have a spinel chemistry.

48. (Original) The battery pack as set forth in Claim 45 wherein the plurality of battery cells includes seven battery cells.

49. (Original) The battery pack as set forth in Claim 45 wherein each of the plurality of battery cells has a nominal voltage of approximately 4.2-volts.

50. (Original) The battery pack as set forth in Claim 45 wherein the plurality of battery cells having a combined ampere-hour capacity of approximately 3.0 ampere-hours.

51. (Original) The battery pack as set forth in Claim 45 wherein the plurality of battery cells have a combined nominal voltage of approximately 28-volts.

52. (New) The battery pack as set forth in Claim 11 further comprising a protection circuit configured to protect at least one component of the battery pack.

53. (New) The electrical combination as set forth in Claim 19 wherein the battery pack further includes a protection circuit configured to protect at least one component of the battery pack.

54. (New) The electrical combination as set forth in Claim 29 wherein the battery pack further includes a protection circuit configured to protect at least one component of the battery pack.

55. (New) The battery pack as set forth in Claim 38 further comprising a protection circuit configured to protect at least one component of the battery pack.

56. (New) The battery pack as set forth in Claim 45 further comprising a protection circuit configured to protect at least one component of the battery pack.